Student Records and Computer Services

Alberta
EDUCATION

TEACHER STATISTICS

1985-86

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ALBERTA EDUCATION

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The information contained in the 1985-86 Certificated Personnel Record forms was analyzed to determine the qualifications, experience, etc. of the current teaching force. This analysis is summarized in the following tables.

Table I shows an analysis of the 27,306 current teaching force by sex, employment status, and citizenship. Of this number 16,249 (60%) are females and 11,057 were males. During the past decade the percentage of female teachers gradually has risen by 5%, from 55% to 60% (see Table IX). Table I also shows a significant increase in the number of part-time teachers employed, 2,345 during the present school year compared to 2,133 and 2,003 during the previous two years respectively. This table also shows that 26,852 teachers (98.3%) indicated that they possessed Canadian citizenship compared to 97.5% three years ago.

Table II shows that about 25% of the 1985-86 teachers are single. This ranges from about 28% in the Peace River area to about 21% in the Lethbridge-Medicine Hat zone.

The teachers employed on a part-time basis were requested to indicate the percentage of the school week that they were employed. Table III shows the number of teachers employed in each zone and the corresponding full-time equivalents. The full-time equivalent percentage compared to the number employed in the six zones is between 95% and 97%.

Table IV shows a frequency distribution of the ages of the current teachers in the six zones of the Province. The teachers in Zones 1 and 2 are approximately 2 years younger than the teachers in the other four zones. During the past ten years the average age of teachers in the Province has increased from about 36 years to 38 years (Table IX).

The academic preparation of the 1985-86 teachers is shown in Tables V and VI. Table V shows the distribution of the various types of certificates held by Alberta teachers whereas, Table VI shows the various degrees held. An analysis of the qualifications of teachers within each zone shows that the percentage of teachers with degrees ranges from about 97% in Zones 3 and 5 to between 92% to 94% in the other four zones. Within the Province, 26,006 (95.2%) of the teachers have either a Professional or Provisional certificate and 26,127 (95.7%) of them possess at least one degree. The improvement in the academic preparation during the past ten years is shown in Table IX. This table shows that their has been a steady increase in the numbers of teachers with degrees from 18,574 (80%) in 1975-76 to the 26,127 (96%) today. A similar improvement is shown in the percentages of teachers possessing either a Professional or Provisional certificate.

An analysis of the location of the initial training institution attended by Alberta teachers and the location in which the initial certificate was awarded revealed that 81% of Alberta teachers received their initial teacher training in Western Canada and 83% received their first certificate in one of the four Western Provinces. The percentage of teachers receiving their initial training and initial certificate in Alberta was found to be 69% and 71% respectively.

Tables VII and VIII shows the frequency distribution of the years of teaching experience and teacher education held by the teachers within the six zones and the provincial totals. The average age of teachers is approximately 12.6 years and the average number of years of post-secondary education is 4.6 years. Table VII shows the average experience of teachers in Zone 1 is approximately 2 years less than the rest of the Province. This difference is

mainly attributed to the fewer number of years that the teachers teach for the same board in Zone 1 than the teachers do who are employed by boards in the other zones.
In Zone 1, the average teaching experience with the same board is 6.5 years whereas, in the other zones it ranges from 8 to about 10 years.

Table IX shows a comparison of a number of characteristics of the Alberta teaching force during the last ten year period. The increase of 4,175 teachers shown in the table is a result of the increased number of teachers completing the Certificated Personnel Record (particularly those employed in central offices) as the increase required for increased services (e.g. ECS). The table shows that most of this increase has been in the number of female teachers compared to their male counterparts. The percentage of female teachers employed increased by 5% during the ten year period.

The table also shows the steady increase during the ten years in the qualifications of teachers in all three categories (degrees, certificate, and years of training) as well as in the years of teaching experience. The result of these two factors would be an improvement in the quality of instruction available to students today than it was ten years ago as well as an increase in the percentage of school board expenditures required for salary purposes (disregarding inflation).

Table X shows the location of the present teachers during the 1984-85 school year. This table shows that 24,284 teachers (90%) taught for the same employer and 602 teachers were employed elsewhere in Alberta during 1984-85. Of the remaining 2,402 teachers employed this year, 1,044 returned to teaching after an absence of one or more years, 911 were attending universities during 1984-85, 405 came from outside the Province and 42 did not specify any location.

Of the 911 teachers who were attending universities during 1984-85 it was found that 371 had previous teaching experience, whereas 540 are commencing their first year of teaching.

TABLE I

DISTRIBUTION OF ALBERTA TEACHERS BY SEX, EMPLOYMENT STATUS AND CITIZENSHIP

N = 27,306

Sex

Female	16,249
Male	11,057

Employment Status

Full-time	24,961
Part-time	2,345

Citizenship

Canadian	26,852
Landed Immigrant	399
Work permit	25
Not specified	30

TABLE II

MARITAL STATUS *

ZONES	SINGLE	MARRIED	TOTAL
1	514	1,294	1,808
2	541	1,494	2,035
3	2,354	7,726	10,080
4	511	1,675	2,186
5	2,136	6,203	8,339
6	569	2,139	2,708
Provincial Total	6,625	20,531	27,156

* 150 teachers did not complete this data item.

TABLE III

NUMBER OF TEACHERS EMPLOYED

ZONES	NUMBER OF TEACHERS (N)	FULL-TIME EQUIVALENT (FTE)	FTE/N
1	1,829	1,760	96%
2	2,052	1,985	97%
3	10,120	9,672	96%
4	2,204	2,121	96%
5	8,379	8,000	95%
6	2,722	2,612	96%
TOTAL	27,306	26,150	96%

TABLE IV

AGE DISTRIBUTION OF ALBERTA TEACHERS BY ZONE

Zone	20-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61	62	63	64	65	>65	NS	Total	Averages
1	231	397	336	308	243	138	90	59	7	6	5	4	--	5	--	1,829	36.14
2	223	426	377	354	270	207	111	68	5	4	3	2	1	1	--	2,052	36.70
3	502	1,536	1,998	2,245	1,620	1,054	658	372	46	32	30	12	11	2	2	10,120	38.63
4	175	361	390	413	361	234	151	84	8	11	6	5	5	-	-	2,204	38.37
5	329	1,423	1,575	1,798	1,498	825	560	280	27	20	15	15	7	5	2	8,379	39.58
6	163	385	519	567	427	302	214	100	6	12	10	16	1	-	-	2,722	38.96
Provincial Totals	1,623	4,528	5,195	5,685	4,419	2,760	1,784	963	99	85	69	54	25	13	4	27,306	38.31

TABLE V

DISTRIBUTION OF ALBERTA TEACHERS BY CURRENT TEACHING CERTIFICATE TYPE

ZONES	PROF.	PROV.	STAND. S	STAND. E	JR. E.	OTHER	TOTAL
1	1,694	--	20	39	63	13	1,829
2	1,903	5	22	54	58	10	2,052
3	9,762	7	78	148	117	8	10,120
4	2,018	2	26	60	88	2	2,204
5	8,079	11	54	124	95	16	8,379
6	2,524	1	52	57	82	6	2,722
Provincial Totals	25,980	26	252	490	503	55	27,306

TABLE VI

DISTRIBUTION OF ALBERTA TEACHERS BY HIGHEST DEGREE

ZONES	B. ED ONLY	B. ED. & OTHER	OTHER BACHELOR	M.ED. ONLY	M.ED. & OTHER	OTHER MASTER	DOCTORATE	NO DEGREE ON FILE	TOTAL
1	995	357	207	76	4	48	5	137	1,829
2	1,186	365	208	108	2	34	2	147	2,052
3	6,023	1,546	1,153	800	5	234	49	310	10,120
4	1,308	296	259	103	3	42	4	189	2,204
5	4,057	1,616	1,274	745	5	418	34	230	8,379
6	1,467	378	391	219	2	86	13	166	2,722
Provincial Totals	15,035	4,558	3,492	2,051	21	862	107	1,179	27,306

TABLE VII

DISTRIBUTION OF ALBERTA TEACHERS BY YEARS OF TEACHING EXPERIENCE

ZONES	NS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	>14	Total	Average
1	45	145	116	75	92	94	120	84	88	88	88	58	71	64	45	43	513	1,829	10.5
2	35	129	96	88	107	113	122	104	96	66	65	65	63	74	58	73	698	2,052	11.7
3	96	270	192	264	315	422	487	484	496	458	490	519	483	461	402	401	3,880	10,120	13.0
4	32	84	80	76	82	95	106	93	99	96	99	75	92	96	85	73	841	2,204	12.8
5	84	191	183	181	342	449	473	468	414	381	361	362	336	348	341	357	3,108	8,379	12.5
6	41	81	96	82	99	111	117	116	116	144	92	113	124	126	117	122	1,025	2,722	12.9
Prov. Totals	333	900	763	766	1,037	1,284	1,425	1,349	1,309	1,233	1,195	1,192	1,169	1,169	1,048	1,069	10,065	27,306	12.6

TABLE VIII

DISTRIBUTION OF ALBERTA TEACHERS BY YEARS OF TEACHER EDUCATION

Zones	NS	1	2	3	4	5	6	7	7	Total	Average
1	23	35	44	36	1,074	393	197	20	7	1,829	4.36
2	20	31	33	54	1,251	423	217	15	8	2,052	4.36
3	60	67	110	83	5,734	2,192	1,714	99	61	10,120	4.57
4	13	52	62	35	1,359	434	229	14	6	2,204	4.29
5	51	38	67	64	4,091	2,111	1,710	163	84	8,379	4.73
6	23	41	45	32	1,527	634	389	21	10	2,722	4.47
Provincial Totals	190	264	361	304	15,036	6,187	4,456	332	176	27,306	4.55

TABLE IX

COMPARISON OF QUALIFICATION AND EXPERIENCE OF ALBERTA TEACHERS

	Number			Number with Degrees	Number with Prof. or Prov. Certificates	Average Years of University	Average Age	Average Years of Experience
	Female	Male	Total					
1975-76	12,908	10,109	23,131	18,574 (80%)	19,483	4.1	36.1	9.9
1976-77	13,237	10,431	23,749	19,791 (83%)	20,243	4.2	36.1	10.3
1977-78	13,207	10,493	23,876	20,621 (86%)	20,878	4.3	36.2	10.5
1978-79	13,322	10,545	23,867	21,209 (89%)	21,190	4.3	36.3	10.6
1979-80	13,550	10,523	24,073	21,804 (91%)	21,751	4.4	36.4	10.7
1980-81	14,146	10,455	24,601	22,602 (92%)	22,188	4.4	36.4	10.7
1981-82	14,546	10,556	25,102	23,304 (93%)	23,209	4.4	36.4	11.2
1982-83	15,451	10,897	26,348	24,748 (94%)	24,644	4.5	36.8	11.9
1983-84	15,625	11,022	26,647	25,237 (95%)	25,129	4.5	37.5	12.3
1984-85	15,975	11,118	27,093	26,049 (96%)	25,646	4.5	38.0	12.6
1985-86	16,249	11,057	27,306	26,127 (96%)	26,006	4.6	38.3	12.6

TABLE X

Location of the 1985-86 Teaching Force During the 1984-85 School Year

Employed with the same employer	24,284	
Attending an Alberta University	911 *	
Teaching with another Alberta School Board	620	
Not employed in teaching (returnees)	1,044	
Outside the Province of Alberta	405	
Not specified	42	
	27,306	

* These teachers comprised the following:

1. Graduate teachers with no experience		
B. Ed. degree	512	
Other degree	21	
No degree	7	540
2. Graduate teachers with experience		371
TOTAL		911